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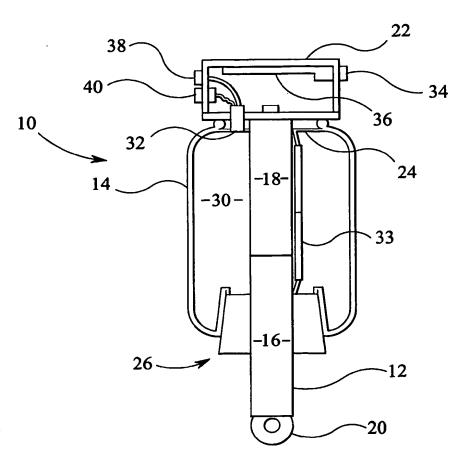
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(54) Title: AIR SUSPENSION UNIT AND SYSTEM



(57) Abstract: The invention relates to a vehicle air suspension system and an air suspension unit (10) therefor. The air suspension system comprises a plurality of suspension elements, wherein each element includes at least one air suspension unit (10). The air suspension unit (10) consists of an integrated assembly mountable between the chassis and the axle of a vehicle, and includes: an air spring (14); a height sensor (33) for providing a tide height signal; a valve (32); and an electronic The electronic controller (36). controller (36) controls the valve (32) to adjust a volume of air in the air spring (14) in response to the ride height signal from the height sensor (33).

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